

APRIL/MAY 2023

**DAM21/GAM21 — MEDICAL
BACTERIOLOGY AND MYCOLOGY**

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define infection.
2. Define the term host.
3. Write any two symptoms of tetanus.
4. What is cholera?
5. Define fastidious organism.
6. What is syphilis?
7. List out any four medically important fungi.
8. What are dermatophytes?
9. Define mycotoxin.
10. List out the symptoms of histoplasmosis.

SECTION B — (5 × 5 = 25 marks)

Answer ALL the questions.

11. (a) Explain about nosocomial infections.

Or

- (b) Discuss about host-parasite interactions.

12. (a) Explain about the mode of action of diphtheria toxin.

Or

- (b) Discuss about the symptoms of post-streptococcal infections.

13. (a) Discuss about the features of chlamydia.

Or

- (b) Explain brucellosis.

14. (a) Describe Piedra.

Or

- (b) List out the antifungal agents

15. (a) Write a note on mycotic mycetoma.

Or

- (b) Discuss about Penicilliosis.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Write an essay on history of medical bacteriology.

17. Discuss about the pathogenesis and clinical manifestation of mycobacterium tuberculosis.

18. Write in detail about the pathogenesis of Leptospira.

19. Describe in detail about Malassezia infections.

20. Explain about the general features, Pathogenicity and clinical manifestations of Candida albicans.